

Title (en)

METHOD AND SYSTEM FOR LEVELING A LAYER IN FREEFORM FABRICATION

Title (de)

VERFAHREN UND SYSTEM ZUM NIVELLIEREN EINER SCHICHT IN DER FREIFORMHERSTELLUNG

Title (fr)

PROCÉDÉ ET SYSTÈME DE MISE À NIVEAU D'UNE COUCHE DANS UNE FABRICATION DE FORME LIBRE

Publication

EP 3946894 A1 20220209 (EN)

Application

EP 20720946 A 20200330

Priority

- US 201962827094 P 20190331
- IL 2020050387 W 20200330

Abstract (en)

[origin: WO2020202147A1] A method of fabricating an object in layers, comprises, for at least one layer: dispensing a building material formulation to form a first portion of the layer, and leveling the first portion by a leveling device; increasing a vertical distance between the first portion and the leveling device; and while a topmost surface of the first portion is exposed and beneath a segment of the leveling device: dispensing a building material formulation to form a second portion of the layer, laterally displaced from the first portion along an indexing direction, and leveling the second portion by the leveling device.

IPC 8 full level

B29C 64/112 (2017.01); **B29C 64/194** (2017.01); **B29C 64/386** (2017.01); **B33Y 10/00** (2015.01)

CPC (source: EP IL US)

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Citation (search report)

See references of WO 2020202147A1

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

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WO 2020202147 A1 20201008; EP 3946894 A1 20220209; EP 3946894 B1 20230906; IL 286806 A 20211031; IL 286806 B1 20230301; IL 286806 B2 20230701; US 2022152914 A1 20220519

DOCDB simple family (application)

IL 2020050387 W 20200330; EP 20720946 A 20200330; IL 28680621 A 20210929; US 202017600360 A 20200330